

Title (en)  
Missile launch safety enhancement apparatus

Title (de)  
Vorrichtung zur Verbesserung der Sicherheit von Flugkörperabschüssen

Title (fr)  
Dispositif pour l'amélioration de la sécurité des lancements de missile

Publication  
**EP 0713074 B1 20010411 (EN)**

Application  
**EP 95308113 A 19951114**

Priority  
US 33986194 A 19941115

Abstract (en)  
[origin: EP0713074A1] A missile launch safety enhancement apparatus (135) for inhibiting the launch sequence of a missile launched from an aircraft-based or land vehicle-based missile launch system. The apparatus (135) incorporates means for producing a prefire signal (102a). The prefire signal produced is then compared to a reference signal level by comparing means (167). If the prefire signal is not below the reference signal level by a predetermined amount, interrupting means (216, 240) inhibits the firing sequence of the missile and thus prevents the missile from being launched. If the prefire signal is below the reference signal level by a predetermined amount indicating proper current drawn by the circuit, the firing sequence is not inhibited, and the missile is launched. <IMAGE>

IPC 1-7  
**F41G 7/00**

IPC 8 full level  
**F41F 3/055** (2006.01); **F41F 3/06** (2006.01); **F41G 7/00** (2006.01)

CPC (source: EP KR US)  
**F41G 7/007** (2013.01 - EP US); **F42B 12/00** (2013.01 - KR)

Designated contracting state (EPC)  
DE GB IT NL

DOCDB simple family (publication)  
**EP 0713074 A1 19960522; EP 0713074 B1 20010411**; CA 2162743 A1 19960516; DE 69520648 D1 20010517; DE 69520648 T2 20010802; IL 115998 A0 19960131; IL 115998 A 19981206; JP 2802053 B2 19980921; JP H08240397 A 19960917; KR 0162537 B1 19981215; KR 960018512 A 19960617; US 5542334 A 19960806

DOCDB simple family (application)  
**EP 95308113 A 19951114**; CA 2162743 A 19951114; DE 69520648 T 19951114; IL 11599895 A 19951114; JP 29721595 A 19951115; KR 19950041464 A 19951115; US 33986194 A 19941115